

NUTRITIONAL RECOMMENDATIONS FOR PATIENTS UNDERGOING GLUCOCORTICOID THERAPY





A healthy diet should be balanced, rich in natural and unprocessed foods, and contain few ultraprocessed products. But, do you know how to tell them apart?

Currently, many food guides recommend that we eat MORE unprocessed foods, and AVOID ultraprocessed foods. This dietary pattern is related to a healthier lifestyle, and can possibly lower risk of many diseases, and possibly improve your health when taking glucocorticoids.



Unprocessed or minimally processed foods

These foods should be the basis of our diet. They go through either no processing or very minimal processing, such as cleaning and pasteurizing.

Rice, beans, pasta, eggs, milk, fruits, vegetables, and meats are the main components of this category.





Culinary ingredients (Oils, fat, salt and sugar)

Ingredients from this group should be used carefully and in moderation to season and cook other foods, creating nutritious and delicious recipes.



Foods in these group are made by combining natural foods with culinary ingredients, such as bread, made with flour, salt, and oil; cheeses, made from milk and salt; and preserved vegetables, made from natural vegetables and preserving agents. Consumption of these foods should be moderate.









Ultraprocessed foods

These foods should be avoided and be minimally present in our diet. They're made by the industry through large amounts of added salt, sugar, fats, chemical flavoring and dyeing agents. Even though these foods are convenient, they're commonly nutritionally unbalanced and can be harmful to our health. Examples of this group are sodas, powdered fruit juices, snacks and candies, and other instant or packaged meals.

How can diet help with the

adverse effects

of glucocorticoid therapy?

Glucocorticoid therapy can lead to adverse effects, such as:



Increased risk of bone fracture



Increased risk for cardiovascular diseases





Improving your dietary habits can be useful to reduce these adverse effects and improve quality of life.

Calcium

Calcium (Ca) is a mineral responsible for many functions in the body, but mainly for building strong bones.

Recommended daily intake

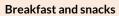
Aim for 1,000-1,200 mg per day

4 to 5 portions of calcium-rich foods

Calcium-rich foods

Whole cow milk 1 cup (240 ml) Ca: 280 mg

Meal



Mozzarella cheese

1 and 1/2 slices (50 g) Ca: 350 mg

Breakfast and snacks

Whole yogurt

1 cup (240 g) Ca: 290 mg

Breakfast and snacks

Cooked dark leafy greens 2 tablespoons (42 g)

Lunch and dinner Ca: 60 mg





Recommended daily intake

600-1000 UI per day

2 to 3 portions of foods rich in vitamin D

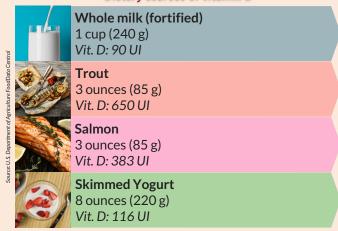
Vitamin D

An essential nutrient that functions as a hormone, improving and maintaining bone health.

Vitamin D can be either produced by the body, following sunlight exposure, or acquired by the diet. If you have a skin condition, or have poor sunlight exposure in your daily routine, make sure to ingest it via your diet!



Dietary sources of vitamin D



Protein

Protein is essential for creating and maintaining healthy and strong muscles.

A few options are:













Pice and Beans

Chickpeas

Soybeans

Eggs

Chicken or fish

Meat

Recommendation

Varies according to individual needs, but aim for at least two portions of protein-rich foods per day.

Sodium

Sodium is an essential mineral that regulates blood pressure and fluids throughout the body. During glucocorticoid use, blood pressure might increase, and sodium intake must be moderated.

PREFER

Preparing your own meals, without adding too much salt, and using natural and flavorful ingredientes



- ONION
- GARLIC
- FRESH AND DRIED HERBS
(basil, rosemary, thyme, parsley, cilantro, green onion)

However, it should not be excluded entirely from the diet, but rather consumed in a balanced amount.

AVOID

- Adding too much salt in meals
- Consuming ultraprocessed foods (exemples: instant pasta, salty snacks)
- Consuming other products rich in sodium (examples: industrialized sauces and vegetable/meat stock cubes)



Different people have different needs!

Regularly check with your doctor or a registered dietitian nutritionist to figure out the best recommendations for you!

